## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3211	(semiconductor or sensor or photodetector or detector or photosensor) and (@ad<"20040722" or @rlad<"20040722") and ((back or backside) near4 (illuminat\$5 or light\$4)) and ((resin or coat\$4 or encapsul\$6 or transparent or translucent) with (cavity or recess\$4 or groov\$4 or trench\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/09/30 23:06
<b>S2</b>	412	(semiconductor or sensor or photodetector or detector or photosensor) and (@ad<"20040722" or @rlad<"20040722") and (((back or backside) near4 (illuminat\$5 or light\$4)) same ((resin or coat\$4 or encapsul\$6 or transparent or translucent) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/09/30 23:34
S3	1886	(semiconductor or sensor or photodetector or detector or photosensor) and (@ad<"20040722" or @rlad<"20040722") and (((back or backside) near4 (illuminat\$5 or light\$4)) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 23:37
S4	1402	(semiconductor or sensor or photodetector or detector or photosensor) and (@ad<"20040722" or @rlad<"20040722") and (((back or backside) near4 (illuminat\$5 or light\$4)) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)) and (resin or coat\$4 or encapsul\$6 or transparent or translucent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 23:39
S5	1005	(semiconductor or sensor or photodetector or detector or photosensor) and (@ad<"20040722" or @rlad<"20040722") and (((back or backside) near4 (illuminat\$5 or light\$4)) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)) and (resin or encapsul\$6 or transparent or translucent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 23:39

## **EAST Search History**

S6	820	(semiconductor or sensor or photodetector or detector or photosensor) and (@ad<"20040722" or @rlad<"20040722") and (((back or backside) near4 (illuminat\$5 or light\$4)) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)) and (resin or encapsul\$6 or transparent or translucent) not \$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 23:44
S7	83	(photodetector or photosensor) and (@ad<"20040722" or @rlad<"20040722") and ((chip or substrate or die or semiconductor) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)) and (resin or encapsul\$6 or transparent or translucent) and ((back or backside) near (illuminat\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 23:58
S8	109	(photodetector or photosensor) and (@ad < "20040722" or @rlad < "20040722") and ((chip or substrate or die or semiconductor) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)) and (resin or encapsul\$6 or transparent or translucent) and ((back or backside) near3 (illuminat\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 23:58
	316	(photodetector or photosensor or sensor or detector or photodiode) and (@ad<"20040722" or @rlad<"20040722") and ((chip or substrate or die or semiconductor) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)) and (resin or encapsul\$6 or transparent or translucent) and ((back or backside) near3 (illuminat\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 00:00
S10	233	(photodetector or photosensor or sensor or detector or photodiode) and (@ad<"20040722" or @rlad<"20040722") and ((chip or substrate or die or semiconductor) with (cavity or recess\$4 or groov\$4 or trench\$4 or concav\$5)) and (resin or encapsul\$6 or transparent or translucent) and ((back or backside) near3 (illuminat\$5)) not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 01:07

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## **EAST Search History**

S11	163	(257/447,460).ccls. and (@ad<"20040722" or @rlad<"20040722") and (resin or encapsul\$6 or transparent or translucent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 00:54
S12	14	(257/433,434).ccls. and (@ad<"20040722" or @rlad<"20040722") and ((back or backside) near3 (illuminat\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 01:11
S13	365	(257/433,434).ccls. and (@ad<"20040722" or @rlad<"20040722") and ((resin or encapsul\$6) with (transparent or translucent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 03:48
S14	251	(257/E31.117,E31.119).ccls. and (@ad<"20040722" or @rlad<"20040722") and ((resin or encapsul\$6) with (transparent or translucent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 04:36
S15	10	(257/E23.128).ccls. and (@ad<"20040722" or @rlad<"20040722") and ((resin or encapsul\$6) with (transparent or translucent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 04:36
S16	155	(257/E23.128).ccls. and (@ad<"20040722" or @rlad<"20040722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 04:36